L Number	Hits	Search Text	DB	Time stamp
1	1971	arbitrat$ near3 (channel path)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/18 09:10
2	1234	escon	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/18 08:23
3	56	(arbitrat$ near3 (channel path)) & escon	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/18 08:40
4	2	5890207.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/18 08:40
5	5501	redundan$2 near3 (channel path)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/18 09:10
6	11	((arbitrat$ near3 (channel path)) & escon) & (redundan$2 near3 (channel path))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/18 09:10
-	2	"20030065871" .pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 11:53
-	2270	priorit$7 near5 weight$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 11:18
-	1	710/316.ccls. & (priorit$7 near5 weight$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 11:19
-	7093	channel near5 weight$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:07
-	1	710/316.ccls. & (channel near5 weight$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 11:20
-	6396	channel near5 priorit$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 11:20
-	9	710/316.ccls. & (channel near5 priorit$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 11:20
-	434	710/316.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:53

-	17	weight$ & 710/316.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 12:05
-	3615	channel near5 weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 12:17
-	166	fabric & (channel near5 weight)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 12:17
-	16	processor & (fabric & (channel near5 weight))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 12:19
-	17	"least weight" near5 rout$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 12:51
-	0	gio & (channel near5 weight)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 13:06
-	2707	channel near5 schedul$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 13:07
-	1	710/316.ccls. & (channel near5 schedul$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 13:08
-	2	5940372.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 13:09
-	352	370/238.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 13:10
-	4244	weight near5 path	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 13:10
-	4221	fabric near3 switch	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 13:11
-	21	(weight near5 path) & (fabric near3 switch)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:47
-	2602	370/401.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:49

-	2	(channel near5 weight) & 370/401.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:50
-	5732	assign$4 near3 weight	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:50
-	132	(channel near5 weight) & (assign$4 near3 weight)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:50
-	595	710/316-317.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:54
-	48	710/316-317.ccls. & (("round robin" "round-robin" (round adj1 robin)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:59
-	6	710/316.ccls. & escon	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 14:59
-	7363	("round robin" "round-robin" (round adj1 robin))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 08:10
-	63	escon & (("round robin" "round-robin" (round adj1 robin)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 10:48
-	17603	(fiber fibre) near3 channel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:07
-	4401	channel near3 weight$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:07
-	76	((fiber fibre) near3 channel) & (channel near3 weight$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:13
-	328	(("round robin" "round-robin" (round adj1 robin))) & ((fiber fibre) near3 channel)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:14
-	14927	channel near5 rout$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:14
-	71	((("round robin" "round-robin" (round adj1 robin))) & ((fiber fibre) near3 channel)) & (channel near5 rout$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:37

-	22616	load near3 balanc$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:45
-	30	(load near3 balanc$3) & ((((("round robin" "round-robin" (round adj1 robin))) & ((fiber fibre) near3 channel)) & (channel near5 rout$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:37
-	75	escon & (load near3 balanc$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:45
-	27	(escon & (load near3 balanc$3)) & (("round robin" "round-robin" (round adj1 robin)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:47
-	50	(escon & (load near3 balanc$3)) not ((escon & (load near3 balanc$3)) & (("round robin" "round-robin" (round adj1 robin)))) not12	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/17 11:47

ESCON

Last modified: Wednesday, October 08, 2003

Short for ***Enterprise Systems Connection***, or ***Enterprise Systems Connectivity***, an IBM fiber optic connection technology that interconnects S/390 mainframe computers, workstations and network-attached storage devices across a single channel and supports half duplex data transfers. One of the key elements of ESCON is the *ESCON Director*, an I/O switch capable of providing dynamic, nonblocking, any-to-any connectivity for up to 60 fiber optic links operating at 200 Mb/s. The links can be up to 36 miles (60 kilometers) apart. ESCON is useful in CANs and MANs.

Compare with *FICON*.

LINKS = Great Page!

ESCON Implementation Guide
This redbook describes ESCON architecture, and provides information on ESCON configuration planning, migration, and coexistence with conventional channel (OEMI) architecture. (pdf)

The IBM ESCON Director: A Dynamic Switch for 200Mb/s Fiber Optic Links
This paper describes the function and hardware structure of the ESCON Director, an I/O switch capable of providing dynamic, nonblocking, any-to-any connectivity for up to 60 fiber optic links operating at 200 Mb/s. (pdf)

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FICON

mainframe

network-attached storage

FICON

Last modified: Wednesday, October 08, 2003

Short for ***Fiber Connection***, or ***Fiber Connectivity***, IBM's fiber optic channel technology that extends the capabilities of its previous fiber optic channel standard, ESCON. Unlike ESCON, FICON supports full duplex data transfers and enables greater throughput rates over longer distances. FICON uses a mapping layer that is based on technology developed for Fibre Channel and multiplexing technology, which allows small data transfers to be transmitted at the same time as larger ones. IBM first introduced the technology in 1998 on its G5 servers.

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